

**AMENDMENTS TO THE CLAIMS:**

This listing of claims replaces all prior versions and listings of claims in the application:

**Listing of Claims:**


1-18 (Cancelled)

19. (New) A computer system, comprising:

an access history management device and a plurality of information resource management devices coupled to a storage device and to a client computer,

the information resource management devices record access requests for obtaining data received from one of the client computers and the information resource management devices as access history information, when the information resource management devices send data to the client computers and the information resource management devices,

the access history management device collects the access history information from the plurality of the information resource management devices, determines if data is requested from one of the information resource management devices other than an information access management device which is coupled to one of the storage devices storing the requested data, and sends to an information access management device an instruction to copy the requested data.



20. (New) The computer system according to claim 19, wherein if the data of the instruction to copy is not used by the client computer that is coupled directly to the information resource management device, the access history management device sends an instruction for data migration.

21. (New) The computer system according to claim 19, wherein if the data of the instruction to copy is used by the client computer that is coupled directly to an information resource management device, the access history management device sends an instruction for data replication.

22. (New) The computer system according to claim 19, wherein said access history management device collects the access history information from the plurality of the information resource management devices at a predetermined timing that includes timing at predetermined intervals set in advance.

23. (New) The computer system according to claim 19, wherein said access history management device collects the access history information from the plurality of the information resource management devices at a predetermined timing that includes an arbitrary timing depending on said information resource management devices.

24. (New) The computer system according to claim 19, wherein

said access history management device further collects user information for identifying a user who has sent an access request for a plurality of information resources as a part of said access history,

said instruction sending unit further sends a change instruction to change storage devices to store said plurality of information resources having been accessed by a same user.

25. (New) The computer system according to claim 24, wherein said change instruction sent by said instruction sending unit further includes information for identifying an information resource management device controlling said storage device having stored said one or more information resources before the change.

26. (New) The computer system according to claim 25, wherein said storage device before the change has the shortest network distance from a storage device after the change.

27. (New) A computer system, comprising:

an access history management device and a plurality of information resource management devices coupled to a storage device and to a client computer,

the information resource management device records an access request for obtaining data received from one of a client computer and other information resource management device as access history information, when the information resource management device

sends data to the one of the client computer and the other information resource management device,

the access history management device collects the access history information from the plurality of the information resource management devices, determines if data is requested a predetermined number of times from an information resource management device other than an information access management device that is coupled to a storage device storing the requested data, and sends to an information access management device an instruction to copy the requested data.

28. (New) A method of managing a plurality of information resource management devices coupled to a storage device and to a client computer, comprising the steps of:

recording an access request for obtaining data received from one of a client computer and other information resource management device as access history information, when the information resource management device sends data to the one of the client computer and the other information resource management device,

collecting the access history information from the plurality of the information resource management devices,

determining if data is requested from an information resource management device other than an information access management device which is coupled to a storage device storing the requested data, and sending to an information access management device an instruction to copy the requested data.

29. (New) An access history management device to be coupled to a plurality of information resource management devices each of which is coupled to a storage device and to a client computer, comprising:

the access history management device having a collecting unit that collects access history information from the plurality of the information resource management devices, the information resource management device recording an access request for obtaining data received from one of a client computer and other information resource management device as access history information, when the information resource management device sends data to the one of the client computer and the other information resource management device, a determining unit that determines if data is requested from an information resource management device other than an information access management device which is coupled to a storage device storing the requested data, and a sending unit that sends to an information access management device an instruction to copy the requested data.

30. (New) The access history management device according to claim 29, wherein said collecting unit collects access history information from the plurality of the information resource management devices at a predetermined timing that includes a timing being at predetermined intervals set in advance.

31. (New) The access history management device according to claim 29, wherein said collecting unit collects access history information from the plurality of the information resource management devices at a predetermined timing that includes an arbitrary timing depending on said information resource management devices.

32. (New) The access history management device according to claim 29, wherein said collection unit further collects user information for identifying a user who has sent an access request for a plurality of information resources as a part of said access history, and

an instruction sending unit that sends a change instruction to change storage devices to store said plurality of information resources having been accessed by a same user.

33. (New) The access history management device according to claim 32, wherein said change instruction sent by said instruction sending unit further includes information for identifying an information resource management device controlling said storage device having stored said one or more information resources before the change.

34. (New) The access history management device according to claim 33, wherein said storage device before the change has the shortest network distance from a storage device after the change.